CLAIMS:

A method of preserving a food commodity comprising applying antimicrobial chemicals to the food commodity and, thereafter, chilling the food commodity.

- 2. The method of claim 1 further comprising subjecting the food commodity to a process selected from the group consisting of refrigeration, freezing and further food processing steps directly after chilling the food commodity.
- 3. The method of claim 1, wherein applying antimicrobial chemicals comprises applying liquid ozone.
- 4. The method of claim 1, wherein applying antimicrobial chemicals comprises contacting the food commodity with chemicals comprising a compound including a halogen.
- 5. The method of claim 4, wherein applying antimicrobial chemicals comprises contacting the food commodity with chemicals comprising a compound including chlorine.
- 6. The method of claim 1, wherein applying antimicrobial chemicals comprises contacting the food commodity with chemicals comprising a compound including a phosphate group.
- 7. The method of claim 1, wherein applying antimicrobial chemicals comprises contacting the food commodity with chemicals comprising hydrogen peroxide.

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	8.	The method of claim 1, wherein applying antimicrobial chemicals
comprises contacting the food commodity with chemicals comprising an		
organi	c acid.	

- 9. The method of claim 8, wherein applying antimicrobial chemicals comprises contacting the food commodity with chemicals comprising lactic acid.
- 10. The method of claim 1, wherein applying antimicrobial chemicals comprises contacting the food commodity with chemicals selected from the group consisting of nisin and lactate.
- 11. The method of claim 1, wherein chilling the food commodity comprises cryogenic chilling.
- 12. The method of claim 11, wherein cryogenic chilling comprises chilling with a liquefied gas selected from the group consisting of nitrogen, CO₂ and air.
- 13. The method of claim 1, wherein applying antimicrobial chemicals comprises contacting the food commodity with a liquid chemical agent.
- 14. The method of claim 1, wherein applying antimicrobial chemicals comprises contacting the food commodity with an gaseous chemical agent.
- 15. The method of claim 1, wherein the food commodity is selected from the group consisting of meat, poultry and seafood.
- 16. The method of claim 1, wherein chilling the food commodity comprises reducing the temperature of the food commodity to about 10° C.

17. The method of claim 16, wherein chilling the food commodity comprises reducing the temperature of the food commodity to no more than about 1° C.

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- 18. The method of claim 1, wherein chilling the food commodity comprises reducing the temperature of the food commodity to about the freezing temperature of the food commodity in a period of time of less than about one hour.
- 19. The method of claim 18, wherein chilling the food commodity comprises reducing the temperature of the food commodity to about the freezing temperature of the food commodity in a period of time of less than about 10 minutes.
- 20. A method of preserving a food commodity comprising: coating an exterior surface of the food commodity with antimicrobial chemicals; and chilling the food commodity.

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21. The method of claim 20, wherein chilling the food commodity comprises reducing the temperature of the food commodity from a processing temperature to about the freezing temperature of the food commodity in a period of time of less than about 10 minutes.

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22. The method of claim 21, wherein the processing temperature comprises about room temperature, and wherein the period of time is about 1 to about 3 minutes.

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23. The method of claim 20, wherein chilling the food commodity comprises reducing the temperature of the food commodity from room temperature to about 1° C. in a period of time of about 1 to about 3 minutes.

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- 24. The method of claim 20, wherein chilling the food commodity comprises cryogenic chilling.
- 25. The method of claim 24, wherein cryogenic chilling comprises chilling with a liquefied gas selected from the group consisting of nitrogen, CO₂ and air.
- 26. The method of claim 20, wherein coating an exterior surface of the food commodity with antimicrobial chemicals comprises applying liquid chemicals to the exterior surface.
- 27. The method of claim 26, wherein applying liquid chemicals comprises applying liquid ozone.
- 28. The method of claim 26, wherein applying liquid chemicals comprises contacting the food commodity with chemicals comprising a compound including a halogen.
- 29. The method of claim 28, wherein applying liquid chemicals comprises contacting the food commodity with chemicals comprising a compound including chlorine.
- 30. The method of claim 26, wherein applying liquid chemicals comprises contacting the food commodity with chemicals comprising a compound including a phosphate group.
- 31. The method of claim 26, wherein applying liquid chemicals comprises contacting the food commodity with chemicals comprising hydrogen peroxide.

- 32. The method of claim 26, wherein applying liquid chemicals comprises contacting the food commodity with chemicals comprising an organic acid.
- 33. The method of claim 32, wherein applying liquid chemicals comprises contacting the food commodity with chemicals comprising lactic acid.
- 34. The method of claim 26, wherein applying liquid chemicals comprises contacting the food commodity with chemicals selected from the group consisting of nisin and lactate.